

# AQUIFER RESTORATION AND WASTEWATER



Photo # 6901-90



## Fluor Fernald

Graphic 8228.7 4/04

## WORK SCOPE

- Remediate contaminated portions (approximately 170 acres) of the Great Miami Aquifer, one of the largest sole-source aquifers in the nation
- Treat storm water and wastewater resulting from site remediation activities

## CLEANUP REMEDY

- Record of Decision signed January 1996
- Restore impacted portions of the aquifer by treating extracted groundwater
- Treat site remediation wastewater and storm water
- Maintain comprehensive sitewide environmental monitoring program
- Meet EPA groundwater cleanup standard of 30 ppb total uranium

## STATUS

- Project – 66 percent complete
- Extracted more than 14.9 billion gallons of water from the aquifer since 1993
- Treated more than 9.9 billion gallons of water
- Removed more than 6,023 pounds uranium from the aquifer since 1993

## 2006 STRATEGY

- All infrastructure will be in place by 2006